



National Load Despatch Centre

राष्ट्रीय भार प्रेषण केंद्र

POWER SYSTEM OPERATION CORPORATION LIMITED

पाँवर सिस्टम ऑपरेशन कारपोरेशन लिमिटेड

(Government of India Enterprise/ भारत सरकार का उद्यम)

B-9, QUTUB INSTITUTIONAL AREA, KATWARIA SARAI, NEW DELHI -110016

बी-9, कुतुब इन्स्टीट्यूशनल एरिया, कटवारिया सराये, न्यू दिल्ली-110016

Ref: POSOCO/NLDC/SO/Daily PSP Report

दिनांक: 27th Feb 2018

To,

1. कार्यकारी निदेशक, पू.क्षे.भा.प्रे.के.,14 , गोल्फ क्लब रोड , कोलकाता - 700033
Executive Director, ERLDC, 14 Golf Club Road, Tolleygunge, Kolkata, 700033
2. महाप्रबंधक, ऊ.क्षे.भा.प्रे.के., 18/ ए , शहीद जीत सिंह सनसनवाल मार्ग, नई दिल्ली - 110016
General Manager, NRLDC, 18-A, Shaheed Jeet Singh Marg, Katwaria Sarai, New Delhi - 110016
3. कार्यकारी निदेशक, प.क्षे.भा.प्रे.के., एफ3-, एम आई डी सी क्षेत्र , अंधेरी, मुंबई -400093
Executive Director, WRLDC, F-3, M.I.D.C. Area, Marol, Andheri (East), Mumbai-400093
4. कार्यकारी निदेशक, ऊ.पू.क्षे.भा.प्रे.के., डोंगतिह, लोअर नोंग्रह , लापलंग, शिलोंग - 793006
Executive Director, NERLDC, Dongteih, Lower Nongrah, Lapalang, Shillong - 793006, Meghalaya
5. महाप्रबंधक , द.क्षे.भा.प्रे.के.,29 , रेस कोर्स क्रॉस रोड, बंगलुरु -560009
General Manager, SRLDC, 29, Race Course Cross Road, Bangalore-560009

Sub: Daily PSP Report for the date 26.02.2018.

महोदय/Dear Sir,

आई०ई०जी०सी०-2010 की धारा स.-5.5.1 के प्रावधान के अनुसार, दिनांक 26-Feb - 2018 की अखिल भारतीय प्रणाली की दैनिक ग्रिड निष्पादन रिपोर्ट रा०भा०प्रे०के० की वेबसाइट पर उपलब्ध है।

As per article 5.5.1 of the Indian Electricity Grid Code, the daily report pertaining power supply position of All India Power System for the date 26th Feb 2018, is available at the NLDC website.

धन्यवाद,

पॉवर सिस्टम ऑपरेशन कारपोरेशन लिमिटेड
राष्ट्रीय भार प्रेषण केंद्र, नई दिल्ली

Report for previous day

Date of Reporting

27-Feb-18

A. Maximum Demand

	NR	WR	SR	ER	NER	Total
Demand Met during Evening Peak hrs(MW) (at 1900 hrs; from RLDCs)	41029	45131	43055	18920	2356	150491
Peak Shortage (MW)	521	33	150	0	84	788
Energy Met (MU)	899	1082	985	357	38	3362
Hydro Gen(MU)	107	30	66	25	6	234
Wind Gen(MU)	12	39	43	-----	-----	94
Solar Gen (MU)*	6.73	18.25	57.44	0.72	0.02	83
Energy Shortage (MU)	9.7	0.0	1.1	0.0	1.3	12.1
Maximum Demand Met during the day (MW) (from NLDC SCADA)	44974	57185	44522	18909	2294	154182

B. Frequency Profile (%)

Region	FVI	<49.7	49.7-49.8	49.8-49.9	<49.9	49.9-50.05	> 50.05
All India	0.025	0.00	0.00	2.94	2.94	84.75	12.31

C. Power Supply Position in States

Region	States	Max. Demand Met during the day (MW)	Shortage during maximum Demand (MW)	Energy Met (MU)	Drawal Schedule (MU)	OD(+)/UD(-) (MU)	Max OD (MW)	Energy Shortage (MU)
NR	Punjab	5623	0	115.6	26.7	1.1	173	0.0
	Haryana	6540	0	121.7	69.0	1.3	202	0.2
	Rajasthan	10663	0	206.2	63.1	1.7	408	0.0
	Delhi	3369	0	61.2	48.7	-0.6	145	0.0
	UP	13628	0	288.8	108.3	-1.0	504	0.0
	Uttarakhand	1908	0	34.7	25.6	0.0	137	0.0
	HP	1486	0	24.8	20.2	0.1	110	0.3
	J&K	2017	368	43.2	40.3	-1.3	82	9.2
WR	Chhattisgarh	235	0	3.4	3.2	0.3	73	0.0
	Chhattisgarh	3578	0	78.4	17.7	-1.0	61	0.0
	Gujarat	14910	0	320.0	135.3	3.3	596	0.0
	MP	9756	0	195.3	108.3	-1.9	361	0.0
	Maharashtra	21511	0	445.3	145.2	0.1	362	0.0
	Goa	417	0	8.8	8.8	-0.6	36	0.0
	DD	338	0	7.4	7.0	0.4	41	0.0
	DNH	766	0	17.7	16.9	0.8	73	0.0
SR	Essar steel	453	0	9.5	9.8	-0.3	250	0.0
	Andhra Pradesh	8705	0	173.9	44.7	0.8	601	0.1
	Telangana	9913	0	210.5	94.7	1.1	339	0.1
	Karnataka	9895	0	218.6	83.9	-1.1	619	0.1
	Kerala	3655	0	72.4	49.0	1.6	252	0.9
	Tamil Nadu	14146	0	302.9	156.9	1.8	432	0.1
	Pondy	346	0	7.1	7.4	-0.2	41	0.0
	Bihar	4218	0	69.8	64.8	-2.2	180	0.0
ER	DVC	3039	0	66.4	-54.0	-1.6	200	0.0
	Jharkhand	1014	0	19.4	15.1	-0.6	48	0.0
	Odisha	4182	0	79.2	34.4	2.9	220	0.0
	West Bengal	6890	0	120.1	14.2	1.5	225	0.0
	Sikkim	105	0	1.6	1.6	-0.1	42	0.0
NER	Arunachal Pradesh	125	5	2.3	1.9	0.5	59	0.0
	Assam	1353	68	21.3	17.7	0.8	176	0.9
	Manipur	177	3	2.4	2.6	-0.1	21	0.0
	Meghalaya	309	0	5.3	3.5	0.0	64	0.0
	Mizoram	89	3	1.5	1.3	0.1	23	0.0
	Nagaland	131	5	2.1	2.0	0.0	37	0.0
	Tripura	229	5	3.1	2.2	-0.1	32	0.3

D. Transnational Exchanges (MU) - Import(+ve)/Export(-ve)

	Bhutan	Nepal	Bangladesh
Actual(MU)	2.7	-10.3	-13.3
Day peak (MW)	114.1	-261.5	-633.7

E. Import/export By Regions(in MU) - Import(+ve)/Export(-ve); OD(+)/UD(-)

	NR	WR	SR	ER	NER	TOTAL
Schedule(MU)	173.4	-166.6	96.7	-108.0	3.9	-0.7
Actual(MU)	176.4	-160.8	98.8	-105.0	4.8	14.3
O/D/U/D(MU)	3.0	5.9	2.1	3.0	0.9	14.9

F. Generation Outage(MW)

	NR	WR	SR	ER	NER	Total
Central Sector	4997	14431	5002	870	593	25893
State Sector	10845	18936	3950	4135	50	37916
Total	15842	33367	8952	5005	643	63809

G. Sourcewise generation (MU)

	NR	WR	SR	ER	NER	Total
Thermal (Coal & Lignite)	552	1119	624	459	8	2761
Hydro	107	30	66	25	6	234
Nuclear	29	24	46	0	0	99
Gas, Naptha & Diesel	20	49	19	0	22	111
RES (Wind, Solar, Biomass & Others)	46	57	145	2	0	251
Total	754	1279	901	486	37	3456

*Source: RLDCs for solar connected to ISTS; SLDCs for embedded solar. Limited visibility of embedded solar data.

सचिव(ऊर्जा)/संयुक्त सचिव(परिषद्)/(ओ एम)/निदेशक(ओ एम)/मुख्य अभियंता-के०वि०प्रा०(ग्रिडिंग)/
मुख्य कार्यपालक अधिकारी(पोसोको)/सभी राज्यों के मुख्य सचिव/ऊर्जा सचिव

INTER-REGIONAL EXCHANGES

Date of Reporting : 27-Feb-18

Import=(+ve)
/Export =(-ve)
for NET (MU)

Sl No	Voltage Level	Line Details	Circuit	Max Import (MW)	Max Export (MW)	Import (MU)	Export (MU)	NET (MU)
Import/Export of ER (With NR)								
1	765kV	GAYA-VARANASI	D/C	0	427	0.0	6.1	-6.1
2		SASARAM-FATEHPUR	S/C	0	176	0.0	0.5	-0.5
3		GAYA-BALIA	S/C	0	364	0.0	6.2	-6.2
4	HVDC	ALIPURDUAR-AGRA	-	0	0	0.0	0.0	0.0
5		PUSAULI B/B	S/C	0	247	0.0	5.0	-5.0
6	400 kV	PUSAULI-VARANASI	S/C	0	182	0.0	0.0	0.0
7		PUSAULI -ALLAHABAD	S/C	0	97	0.0	0.0	0.0
8		MUZAFFARPUR-GORAKHPUR	D/C	0	343	0.0	3.5	-3.5
9		PATNA-BALIA	Q/C	0	876	0.0	15.1	-15.1
10		BIHARSHARIFF-BALIA	D/C	0	242	0.0	3.5	-3.5
11		MOTIHARI-GORAKHPUR	D/C	0	352	0.0	6.2	-6.2
12	220 kV	BIHARSHARIFF-VARANASI	D/C	0	266	0.0	1.2	-1.2
13		PUSAULI-SAHUPURI	S/C	0	173	0.0	3.3	-3.3
14	132 kV	SONE NAGAR-RIHAND	S/C	0	0	0.0	0.0	0.0
15		GARWAH-RIHAND	S/C	0	0	0.3	0.0	0.3
16		KARMANASA-SAHUPURI	S/C	0	0	0.0	0.0	0.0
17		KARMANASA-CHANDAULI	S/C	0	0	0.0	0.0	0.0
ER-NR						0.3	50.7	-50.4
Import/Export of ER (With WR)								
18	765 kV	JHARSUGUDA-DHARAMJAIGARH S/C	D/C	0	0	4.8	0.0	4.8
19		NEW RANCHI-DHARAMJAIGARH	D/C	0	650	0.0	7.6	-7.6
20	400 kV	JHARSUGUDA-RAIGARH	Q/C	0	409	0.0	2.0	-2.0
21		RANCHI-SIPAT	D/C	0	164	0.0	0.6	-0.6
22	220 kV	BUDHIPADAR-RAIGARH	S/C	0	131	0.0	1.8	-1.8
23		BUDHIPADAR-KORBA	D/C	0	0	3.5	0.0	3.5
ER-WR						8.3	12.0	-3.7
Import/Export of ER (With SR)								
24	765 kV	ANGUL-SRIKAKULAM	D/C	0.0	0.0	0.0	20.4	-20.4
25	HVDC LINK	JEYPORE-GAZUWAKA B/B	D/C	0.0	319.8	0.0	12.4	-12.4
26		TALCHER-KOLAR BIPOLE	D/C	0.0	2246.4	0.0	48.1	-48.1
27	400 kV	TALCHER-I/C	D/C	0.0	1004.8	0.0	15.5	-15.5
28	220 kV	BALIMELA-UPPER-SILERRU	S/C	0.0	0.0	0.0	0.0	0.0
ER-SR						0.0	80.9	-80.9
Import/Export of ER (With NER)								
29	400 kV	BINAGURI-BONGAIGAON	D/C	0	1066	0.0	6.3	-6
30		ALIPURDUAR-BONGAIGAON	D/C	0	864	3.9		4
31	220 kV	ALIPURDUAR-SALAKATI	D/C	0	0	0.0	2.2	-2
ER-NER						3.9	8.6	-4.7
Import/Export of NER (With NR)								
32	HVDC	BISWANATH CHARIALI-AGRA	-	0	500	0.0	10.0	-10.0
NER-NR						0.0	10.0	-10.0
Import/Export of WR (With NR)								
33	HVDC	CHAMPA-KURUKSHETRA	D/C	0	1357	0.0	53.5	-53.5
34		V'CHAL B/B	D/C	250	0	5.0	0.0	5.0
35		APL -MHG	D/C	0	951	0.0	17.1	-17.1
36	765 kV	GWALIOR-AGRA	D/C	0	2756	0.0	46.5	-46.5
37		PHAGI-GWALIOR	D/C	479	1406	0.0	25.6	-25.6
38	400 kV	ZERDA-KANKROLI	S/C	326	0	5.7	0.0	5.7
39		ZERDA -BHINMAL	S/C	318	0	3.9	0.0	3.9
40		V'CHAL -RIHAND	S/C	960	0	21.9	0.0	21.9
41		RAPP-SHUJALPUR	D/C	0	211	0	2	-2
42	220 kV	BADOD-KOTA	S/C	82	0	1.1	0.0	1.1
43		BADOD-MORAK	S/C	45	23	0.3	0.2	0.1
44		MEHGAON-AURAIYA	S/C	96	0	1.7	0.0	1.7
45		MALANPUR-AURAIYA	S/C	53	0	0.8	0.0	0.8
46	132kV	GWALIOR-SAWAI MADHOPUR	S/C	0	0	0.0	0.0	0.0
WR-NR						40.4	145.1	-104.7
Import/Export of WR (With SR)								
47	HVDC LINK	BHADRAWATI B/B	-	0	1000	0.0	18.9	-18.9
48		176.42	-	0	0	0.0	0.0	0.0
49	765 kV	SOLAPUR-RAICHUR	D/C	17	1377	0.0	17.1	-17.1
50		WARDHA-NIZAMABAD	D/C	0	1973	0.0	35.5	-35.5
51	400 kV	KOLHAPUR-KUDGI	D/C	642	0	9.1	0.0	9.1
52	220 kV	KOLHAPUR-CHIKODI	D/C	0	0	0.0	0.0	0.0
53		PONDA-AMBEWADI	S/C	0	0	0.0	0.0	0.0
54		XELDEM-AMBEWADI	S/C	109	0	2.2	0.0	2.2
WR-SR						11.3	71.5	-60.2
TRANSNATIONAL EXCHANGE								
55		BHUTAN						2.7
56		NEPAL						-10.3
57		BANGLADESH						-13.3